Proficiency Test Report - Heterogeneity results: 23-2 R.sat

Species: *Raphanus sativus*  
Scope: PUR.OSD GER MOI OIC VIG

**General**
The following results present the mean of the 10 tests conducted by the Proficiency Test Leader to check for heterogeneity. These results may serve as a first indication whether your laboratory's test results are within the expected range. Please note that the overall mean calculated and reported at a later stage may differ from the mean indicated here.

**Result**

<table>
<thead>
<tr>
<th>Germination results</th>
<th>Purity results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lot #</strong></td>
<td><strong>Normal [%]</strong></td>
</tr>
<tr>
<td>1</td>
<td>83.2</td>
</tr>
<tr>
<td>2</td>
<td>91.5</td>
</tr>
<tr>
<td>3</td>
<td>95.6</td>
</tr>
</tbody>
</table>

**Other Seed Determination**

<table>
<thead>
<tr>
<th>Species added</th>
<th>Lot</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Allium porrum</em></td>
<td>2</td>
</tr>
<tr>
<td><em>Apium graveolens</em></td>
<td>3</td>
</tr>
<tr>
<td><em>Knautia arvensis</em></td>
<td>2</td>
</tr>
<tr>
<td><em>Petroselinum crispum</em></td>
<td>3</td>
</tr>
<tr>
<td><em>Phleum spp.</em></td>
<td>2</td>
</tr>
<tr>
<td><em>Sinapis alba</em></td>
<td>3</td>
</tr>
</tbody>
</table>

**Moisture content results**

<table>
<thead>
<tr>
<th><strong>Lot #</strong></th>
<th><strong>Species added</strong></th>
<th><strong>MC [%]</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>Allium porrum</em></td>
<td>5.2</td>
</tr>
<tr>
<td>2</td>
<td><em>Apium graveolens</em></td>
<td>5.5</td>
</tr>
<tr>
<td>3</td>
<td><em>Knautia arvensis</em></td>
<td>5.9</td>
</tr>
</tbody>
</table>

**Vigour content results**

<table>
<thead>
<tr>
<th><strong>Lot #</strong></th>
<th><strong>Conductivity [µS cm g]</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>126.4</td>
</tr>
<tr>
<td>2</td>
<td>137.9</td>
</tr>
<tr>
<td>3</td>
<td>74.0</td>
</tr>
</tbody>
</table>

**Proficiency Test Leader**

Mrs Gillian Musgrove  
Official Seed Testing Station  
Science and Advice for Scottish Agriculture  
1 Roddinglaw Road, Edinburgh, Great Britain  
Phone: +44 131 244 8900  
Fax: +44 1312448940  
Email: Gillian.Musgrove@sasa.gov.scot